ELSEVIER

Agricultural Water Management 31 (1996) 313–318

Agricultural water management

Author Index, Volumes 29–31

Abu-Sharar, T.M. and A.S. Salameh
Reductions in hydraulic conductivity and infiltration rate in relation to aggregate stability and irrigation water turbidity 29 (1995) 53
Abu Rizaiza, O.S. and M.H. Al-Osaimy
A statistical approach for estimating irrigation water usage in western Saudi Arabia . . . 29 (1996) 175
Adhikari, R.N., *see* Rama Mohan Rao, M.S. et al.
Adiku, S.G.K. and R.C. Stone
Using the Southern Oscillation Index for improving rainfall prediction and agricultural water management in Ghana 29 (1995) 85
Ahmad, S., M. Aslam and M. Shafiq
Reducing water seepage from earthen ponds 30 (1996) 69
Ahmadi, M.Z.
A field approach to estimation of humid area drainage coefficients 29 (1995) 101
Al-Hamidi, A.H., *see* Al-Jaloud, A.A. et al.
Al-Jaloud, A.A., G. Hussian, S. Karimulla and A.H. Al-Hamidi
Effect of irrigation and nitrogen on yield and yield components of two rapeseed cultivars. 30 (1996) 57
Al-Jaloud, A.A., *see* Hussain, G. et al.
Al-Nabulsi, Y.A., *see* Helalia, A.M.
Al-Osaimy, M.H., *see* Abu Rizaiza, O.S.
Al-Sulaimi, J., M.N. Viswanathan, M. Naji and A. Sumait
Impact of irrigation on brackish ground water lenses in northern Kuwait 31 (1996) 75
Al-Tahir, O.A., *see* Helalia, A.M.
Armstrong, A.S.B., *see* Tanton, T.W.
Arora, V.K. and P.R. Gajri
Performance of simplified water balance models under maize in a semiarid subtropical environment 31 (1996) 51
Ashraf, M.S., *see* Izadi, B. et al.
Aslam, M., *see* Ahmad, S. et al.
Ayars, J.E., *see* Hutmacher, R.B.
Baldy, C., *see* Olufayo, A. et al.
Bhagat, R.M., S.I. Bhuiyan and K. Moody
Water, tillage and weed interactions in lowland tropical rice: a review. 31 (1996) 165
Bhatnagar, P.R., R.C. Srivastava and V.K. Bhatnagar
Management of runoff stored in small tanks for transplanted rice production in the mid-hills of Northwest Himalaya 30 (1996) 107
Bhatnagar, V.K., *see* Bhatnagar, P.R. et al.
Bhuiyan, S.I., *see* Bhagat, R.M.
Blavoux, B., *see* Lacroix, M. et al.
Bousnina, H., *see* Zayani, K. et al.
Bradley, R.I., *see* Knox, J.W.
Bravo, A.D., *see* Hutmacher, R.B.

Broughton, R.S., *see* Lalonde, V.
Cabrera, F., *see* Fernández, J.E.
Castelao, A., *see* Paz, A.
Cayuela, J.A., *see* Fernández, J.E.
Chandrappa, M., *see* Rama Mohan Rao, M.S. et al.
Chaudhary, J.L., *see* Rathore, A.L.
Chauhan, H.S., *see* Singh, M.P.
Cheema, M.N., *see* Hameed, T.
Cherif, H., *see* Zayani, K. et al.
Chittaranjan, S., *see* Rama Mohan Rao, M.S. et al.
Clapaki, G., *see* Michelakis, N.
Cui, Y.L., *see* Li, Y.H.
Dalton, P.A., R.J. Smith and P.N.V. Truong
Vetiver grass hedges for erosion control on a cropped flood plain: hedge hydraulics . . . 31 (1996) 91
de Faria, R.T. and C.A. Madramootoo
Simulation of soil moisture profiles for wheat in Brazil 31 (1996) 35
de Juan, J.A., J.M. Tarjuelo, M. Valiente and P. García
Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. I: Development of a decision model 31 (1996) 115
de Juan, J.A., *see* Tarjuelo, J.M.
de Ridder, N., *see* Radersma, S.
Dettinger, D., *see* Hutmacher, R.B.
Entz, T., *see* Foroud, N. et al.
Espino, A., D. Mallants, M. Vanclooster and J. Feyen
Cautionary notes on the use of pedotransfer functions for estimating soil hydraulic properties 29 (1996) 235
Faci, J.M., *see* Playán, E.
Fernández-Boy, E., *see* Fernández, J.E.
Fernández, J.E., F. Moreno, J.M. Murillo, J.A. Cayuela, E. Fernández-Boy and F. Cabrera
Water use and yield of maize with two levels of nitrogen fertilization in SW Spain 29 (1996) 215
Feyen, J., *see* Espino, A.
Feyen, J., *see* Wang, Z. et al.
Feyen, J., *see* Xevi, E. et al.
Foroud, N., E. St. George and T. Entz
Determination of infiltration rate from border irrigation advance and recession trajectories 30 (1996) 133
Gajri, P.R., *see* Arora, V.K.
García, P., *see* Tarjuelo, J.M.
García, P., *see* de Juan, J.A.
Garrity, D.P. and R. Pernito
Mungbean response to surface drainage when grown as a pre-rice crop on waterlog-prone ricelands 29 (1996) 299
Geohring, L.D., *see* Rothstein, E.
Gilley, J., *see* Xevi, E. et al.
Gupta, S.K., *see* Singh, C.S. et al.
Gwin, R.E., *see* Stone, L.R. et al.
Hack-ten Broeke, M.J.D. and J.H.B.M. Hegmans
Use of soil physical characteristics from laboratory measurements or standard series for modelling unsaturated water flow 29 (1996) 201
Hamdy, A., *see* Katerji, N. et al.
Hameed, T., M.A. Mariño and M.N. Cheema
Time series modeling of channel transmission losses 29 (1996) 283
Hartmann, R., *see* Zayani, K. et al.
Hegmans, J.H.B.M., *see* Hack-ten Broeke, M.J.D.

Helalia, A.M., O.A. Al-Tahir and Y.A. Al-Nabulsi
The influence of irrigation water salinity and fertilizer management on the yield of Alfalfa (*Medicago sativa* L.) 31 (1996) 105
Hodgkinson, R.A. and A.A. Thorburn
Factors influencing the stability of salt affected soils in the UK—criteria for identifying appropriate management options 29 (1996) 327
Howe, J. and M.R. Wagner
The effect of papermill wastewater irrigation and gypsum soil amendments on sodium accumulation by cottonwood and soil 31 (1996) 295
Humphreys, E., *see* Muirhead, W.A. et al.
Hussain, G., A.A. Al-Jaloud and S. Karimulla
Effect of treated effluent irrigation and nitrogen on yield and nitrogen use efficiency of wheat 30 (1996) 175
Hussian, G., *see* Al-Jaloud, A.A. et al.
Hutmacher, R.B., J.E. Ayars, S.S. Vail, A.D. Bravo, D. Dettinger and R.A. Schoneman
Uptake of shallow groundwater by cotton: growth stage, groundwater salinity effects in column lysimeters 31 (1996) 205
Incerti, M., *see* O'Connell, M.G.
Izadi, B., M.S. Ashraf, D. Studer, I. McCann and B. King
A simple model for the prediction of nitrate concentration in the potato root zone 30 (1996) 41
Jayawardane, N.S., *see* Muirhead, W.A. et al.
Jiracheewee, N., G. Oron, V.V.N. Murty and V. Wuwongse
Computerized database for optimal management of community irrigation systems in Thailand 31 (1996) 237
Karam, F., *see* Katerji, N. et al.
Karimulla, S., *see* Al-Jaloud, A.A. et al.
Karimulla, S., *see* Hussain, G. et al.
Katerji, N., J.W. van Hoorn, A. Hamdy, F. Karam and M. Mastrorilli
Effect of salinity on water stress, growth, and yield of maize and sunflower. 30 (1996) 237
Khan, A.H., *see* Stone, L.R. et al.
King, B., *see* Izadi, B. et al.
Knox, J.W., E.K. Weatherhead and R.I. Bradley
Mapping the spatial distribution of volumetric irrigation water requirements for main-crop potatoes in England and Wales 31 (1996) 1
Lacroix, M., H.Q. Wang and B. Blavoux
Water-table modelling to estimate irrigation losses: application to the Lower Durance, France 30 (1996) 283
Lalonde, V., C.A. Madramootoo, L. Trenholm and R.S. Broughton
Effects of controlled drainage on nitrate concentrations in subsurface drain discharge . . 29 (1996) 187
Li, Y.H. and Y.L. Cui
Real-time forecasting of irrigation water requirements of paddy fields. 31 (1996) 185
Madramootoo, C.A., *see* Lalonde, V.
Madramootoo, C.A., *see* de Faria, R.T.
Mal, B.C., *see* Patode, R.S.
Mallants, D., *see* Espino, A.
Manchanda, H.R., *see* Sharma, S.K.
Mariño, M.A., *see* Hameed, T.
Mastrorilli, M., *see* Katerji, N. et al.
McCann, I., *see* Izadi, B. et al.
McLeod, A.J., *see* Rengasamy, P.
Mhiri, A., *see* Zayani, K. et al.
Michelakis, N., E. Vouyoukalou and G. Clapaki
Water use and soil moisture depletion by olive trees under different irrigation conditions. 29 (1996) 315

Minhas, P.S.
Saline water management for irrigation in India 30 (1996) 1
Misawa, S.-i., *see* Zulu, G.
Misra, R.
Spatially varied steady flow in irrigation canals 30 (1996) 217
Mohanty, S. and R. Singh
Determination of soil hydrologic properties under simulated rainfall condition 29 (1996) 267
Moll, J.L., *see* Muirhead, W.A. et al.
Moody, K., *see* Bhagat, R.M.
Moreno, F., *see* Fernández, J.E.
Muirhead, W.A., E. Humphreys, N.S. Jayawardane and J.L. Moll
Shallow subsurface drainage in an irrigated vertisol with a perched water table 30 (1996) 261
Murillo, J.M., *see* Fernández, J.E.
Murty, V.V.N., *see* Jiracheewee, N.
Murty, V.V.N., *see* Odhiambo, L.O. et al.
Naji, M., *see* Al-Sulaimi, J.
Narayan, K.A., *see* Richardson, S.B.
Neira, A., *see* Paz, A.
O'Connell, M.G., G.J. O'Leary and M. Incerti
Potential groundwater recharge from fallowing in north-west Victoria, Australia 29 (1995) 37
Odhiambo, L.O. and V.V.N. Murty
Modeling water balance components in relation to field layout in lowland paddy fields. I. Model development 30 (1996) 185
Odhiambo, L.O. and V.V.N. Murty
Modeling water balance components in relation to field layout in lowland paddy fields. II: Model application 30 (1996) 201
O'Leary, G.J.
The effects of conservation tillage on potential groundwater recharge 31 (1996) 65
O'Leary, G.J., *see* O'Connell, M.G.
Olufayo, A., C. Baldy and P. Ruelle
Sorghum yield, water use and canopy temperatures under different levels of irrigation . . 30 (1996) 77
Oron, G., *see* Jiracheewee, N.
Pal, A.R., *see* Rathore, A.L.
Papadakis, T.D., *see* Zissis, T.S. et al.
Patode, R.S. and B.C. Mal
Optimal spacing of tubewells in relation to channel losses and lining for multicropping system 29 (1996) 163
Paz, A., A. Neira and A. Castelao
Soil water regime under pasture in the humid zone of spain: validation of an empirical model and prediction of irrigation requirements 29 (1996) 147
Pereira, L.S., *see* Tabuada, M.A. et al.
Pernito, R., *see* Garrity, D.P.
Petersen, M., *see* Reynolds, C.
Peverly, J.H., *see* Rothstein, E.
Playán, E., J.M. Faci and A. Serreta
Characterizing microtopographical effects on level-basin irrigation performance 29 (1996) 129
Radersma, S. and N. de Ridder
Computed evapotranspiration of annual and perennial crops at different temporal and spatial scales using published parameter values 31 (1996) 17
Ragusa, S.R., *see* Rengasamy, P.
Ram, S., *see* Singh, M.P.
Ram, S., *see* Singh, C.S. et al.
Rama Mohan Rao, M.S., R.N. Adhikari, S. Chittaranjan and M. Chandrappa
Influence of conservation measures on groundwater regime in a semi arid tract of South India 30 (1996) 301

Rathore, A.L., A.R. Pal, R.K. Sahu and J.L. Chaudhary
On-farm rainwater and crop management for improving productivity of rainfed areas . . 31 (1996) 253
Rego, Z.J.C., *see* Tabuada, M.A. et al.
Rengasamy, P., A.J. McLeod and S.R. Ragusa
Effects of dispersible soil clay and algae on seepage prevention from small dams. 29 (1996) 117
Reynolds, C. and M. Yitayew
Low-head bubbler irrigation systems. Part II. Air lock problems 29 (1995) 25
Reynolds, C., M. Yitayew and M. Petersen
Low-head bubbler irrigation systems. Part I: Design 29 (1995) 1
Richardson, S.B. and K.A. Narayan
The effectiveness of management options for dryland salinity control at Wanilla, South Australia 29 (1995) 63
Rothstein, E., T.S. Steenhuis, J.H. Peverly and L.D. Geohring
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195
Ruelle, P., *see* Olufayo, A. et al.
Rycroft, D.W., *see* Tanton, T.W.
Sahu, R.K., *see* Rathore, A.L.
Salameh, A.S., *see* Abu-Sharar, T.M.
Schlegel, A.J., *see* Stone, L.R. et al.
Schoneman, R.A., *see* Hutmacher, R.B.
Serreta, A., *see* Playán, E.
Shafiq, M., *see* Ahmad, S. et al.
Sharma, S.K. and H.R. Manchanda
Influence of leaching with different amounts of water on desalinization and permeability behaviour of chloride and sulphate-dominated saline soils 31 (1996) 225
Sharma, S.K., *see* Tomar, S.S. et al.
Singh, C.S., S.K. Gupta and S. Ram
Assessment and management of poor quality waters for crop production: A simulation model (SWAM) 30 (1996) 25
Singh, M.P., H.S. Chauhan and S. Ram
Unsteady state drainage in a vertically heterogeneous soil 31 (1996) 285
Singh, R., *see* Mohanty, S.
Smith, R.J., *see* Dalton, P.A.
Srivastava, R.C., *see* Bhatnagar, P.R. et al.
Steenhuis, T.S., *see* Rothstein, E.
St. George, E., *see* Foroud, N. et al.
Stone, L.R., A.J. Schlegel, R.E. Gwin and A.H. Khan
Response of corn, grain sorghum, and sunflower to irrigation in the High Plains of Kansas 30 (1996) 251
Stone, R.C., *see* Adiku, S.G.K.
Studer, D., *see* Izadi, B. et al.
Sumait, A., *see* Al-Sulaimi, J.
Tabuada, M.A., Z.J.C. Rego, G. Vachaud and L.S. Pereira
Erratum to 'Two-dimensional infiltration under furrow irrigation: modelling, its validation and applications' [Agricultural Water Management 27 (1995) 105–123] 30 (1996) 119
Tanton, T.W., A.S.B. Armstrong and D.W. Rycroft
Movement of water in restructured saline and sodic clay topsoils under a rainfall simulator 29 (1996) 255
Tarjuelo, J.M., J.A. de Juan, M. Valiente and P. García
Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. II: A case study of irrigation scheduling in Albacete, Spain 31 (1996) 145
Tarjuelo, J.M., *see* de Juan, J.A.
Tembe, G.P., *see* Tomar, S.S. et al.

Thorburn, A.A., *see* Hodgkinson, R.A.
Tomar, S.S., G.P. Tembe, S.K. Sharma and V.S. Tomar
Studies on some land management practices for increasing agricultural production in Vertisols of Central India 30 (1996) 91
Tomar, V.S., *see* Tomar, S.S. et al.
Toyota, M., *see* Zulu, G.
Trenholm, L., *see* Lalonde, V.
Truong, P.N.V., *see* Dalton, P.A.
Vachaud, G., *see* Tabuada, M.A. et al.
Vail, S.S., *see* Hutmacher, R.B.
Valiente, M., *see* Tarjuelo, J.M.
Valiente, M., *see* de Juan, J.A.
Vanclooster, M., *see* Espino, A.
van Hoorn, J.W., *see* Katerji, N. et al.
Viswanathan, M.N., *see* Al-Sulaimi, J.
Vouyoukalou, E., *see* Michelakis, N.
Wagner, M.R., *see* Howe, J.
Wang, H.Q., *see* Lacroix, M. et al.
Wang, Z., D. Zerihun and J. Feyen
General irrigation efficiency for field water management 30 (1996) 123
Weatherhead, E.K., *see* Knox, J.W.
Wuwongse, V., *see* Jiracheewee, N.
Xevi, E., J. Gilley and J. Feyen
Comparative study of two crop yield simulation models 30 (1996) 155
Yitayew, M., *see* Reynolds, C.
Yitayew, M., *see* Reynolds, C.
Zayani, K., H. Bousnina, A. Mhiri, R. Hartmann and H. Cherif
Evaporation in layered soils under different rates of clay amendment 30 (1996) 143
Zerihun, D., *see* Wang, Z. et al.
Zissis, T.S. and T.D. Papadakis
Erratum to 'Drain pipe performance using a non-Darcy finite element model' [Agricultural Water Management 27 (1995) 259–265] 30 (1996) 121
Zulu, G., M. Toyota and S.-i. Misawa
Characteristics of water reuse and its effects on paddy irrigation system water balance and the riceland ecosystem 31 (1996) 269

ELSEVIER

Agricultural Water Management 31 (1996) 319–331

Agricultural water management

Subject Index, Volumes 29–31

Advance and recession rates
Determination of infiltration rate from border irrigation advance and recession trajectories 30 (1996) 133

Agricultural drainage
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195

Air locks
Low-head bubbler irrigation systems. Part II. Air lock problems 29 (1995) 25

Alluvial
Water-table modelling to estimate irrigation losses: application to the Lower Durance, France 30 (1996) 283

Analytical model
A simple model for the prediction of nitrate concentration in the potato root zone 30 (1996) 41

Unsteady state drainage in a vertically heterogeneous soil 31 (1996) 285

Annual
Computed evapotranspiration of annual and perennial crops at different temporal and spatial scales using published parameter values 31 (1996) 17

Aquifer
Potential groundwater recharge from fallowing in north-west Victoria, Australia 29 (1995) 37

The effects of conservation tillage on potential groundwater recharge 31 (1996) 65

Arid land
A statistical approach for estimating irrigation water usage in western Saudi Arabia 29 (1996) 175

Reducing water seepage from earthen ponds 30 (1996) 69

Basin
Water use and soil moisture depletion by olive trees under different irrigation conditions 29 (1996) 315

Biomass
Effect of treated effluent irrigation and nitrogen on yield and nitrogen use efficiency of wheat 30 (1996) 175

Bio-plastic
Reducing water seepage from earthen ponds 30 (1996) 69

Border strip
Determination of infiltration rate from border irrigation advance and recession trajectories 30 (1996) 133

Brackish ground water lenses
Impact of irrigation on brackish ground water lenses in northern Kuwait 31 (1996) 75

Bubbler irrigation
Low-head bubbler irrigation systems. Part I: Design 29 (1995) 1

Low-head bubbler irrigation systems. Part II. Air lock problems 29 (1995) 25

Canola
Effect of irrigation and nitrogen on yield and yield components of two rapeseed cultivars 30 (1996) 57

Canopy evapotranspiration
Computed evapotranspiration of annual and perennial crops at different temporal and spatial

scales using published parameter values 31 (1996) 17

Canopy temperature
Sorghum yield, water use and canopy temperatures under different levels of irrigation 30 (1996) 77

Catchment area
Management of runoff stored in small tanks for transplanted rice production in the mid-hills of Northwest Himalaya 30 (1996) 107

Channel lining
Optimal spacing of tubewells in relation to channel losses and lining for multicropping system 29 (1996) 163

Channel losses
Optimal spacing of tubewells in relation to channel losses and lining for multicropping system 29 (1996) 163

Clay
Movement of water in restructured saline and sodic clay topsoils under a rainfall simulator 29 (1996) 255

Clay amendment
Evaporation in layered soils under different rates of clay amendment 30 (1996) 143

Cocoa
Computed evapotranspiration of annual and perennial crops at different temporal and spatial scales using published parameter values 31 (1996) 17

Command area
Management of runoff stored in small tanks for transplanted rice production in the mid-hills of Northwest Himalaya 30 (1996) 107

Computer simulation
A simple model for the prediction of nitrate concentration in the potato root zone 30 (1996) 41

Conjunctive use
Assessment and management of poor quality waters for crop production: A simulation model (SWAM) 30 (1996) 25

Conservation tillage
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195

Conventional tillage
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195

Corn
Response of corn, grain sorghum, and sunflower to irrigation in the High Plains of Kansas 30 (1996) 251

Cotton
Uptake of shallow groundwater by cotton: growth stage, groundwater salinity effects in column lysimeters 31 (1996) 205

Critical coagulation concentration
Reductions in hydraulic conductivity and infiltration rate in relation to aggregate stability and irrigation water turbidity 29 (1995) 53

Cropping sequence
Studies on some land management practices for increasing agricultural production in Vertisols of Central India 30 (1996) 91

Cropping system
On-farm rainwater and crop management for improving productivity of rainfed areas 31 (1996) 253

Crop rotation
Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. I: Development of a decision model 31 (1996) 115

Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. II: A case study of irrigation scheduling in Albacete, Spain 31 (1996) 145

Crops and pasture management
The effectiveness of management options for dryland salinity control at Wanilla, South Australia 29 (1995) 63

Crop water stress
Effect of salinity on water stress, growth, and yield of maize and sunflower 30 (1996) 237

Crop water stress index
Sorghum yield, water use and canopy temperatures under different levels of irrigation 30 (1996) 77

Crop water use
Response of corn, grain sorghum, and sunflower to irrigation in the High Plains of Kansas 30 (1996) 251

Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. I: Development of a decision model 31 (1996) 115

Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. II: A case study of irrigation scheduling in Albacete, Spain 31 (1996) 145

Crop water use efficiency
Effect of salinity on water stress, growth, and yield of maize and sunflower 30 (1996) 237

Crop yield
Comparative study of two crop yield simulation models 30 (1996) 155

Response of corn, grain sorghum, and sunflower to irrigation in the High Plains of Kansas 30 (1996) 251

Daily
Computed evapotranspiration of annual and perennial crops at different temporal and spatial scales using published parameter values 31 (1996) 17

Database
Computerized database for optimal management of community irrigation systems in Thailand 31 (1996) 237

Deflocculation
Factors influencing the stability of salt affected soils in the UK—criteria for identifying appropriate management options 29 (1996) 327

Desalinization
Assessment and management of poor quality waters for crop production: A simulation model (SWAM) 30 (1996) 25

Influence of leaching with different amounts of water on desalinization and permeability behaviour of chloride and sulphate-dominated saline soils 31 (1996) 225

Desodification
Influence of leaching with different amounts of water on desalinization and permeability behaviour of chloride and sulphate-dominated saline soils 31 (1996) 225

Dimensionless variables
Evaporation in layered soils under different rates of clay amendment 30 (1996) 143

Dispersion
Factors influencing the stability of salt affected soils in the UK—criteria for identifying appropriate management options 29 (1996) 327

Drainage
Movement of water in restructured saline and sodic clay topsoils under a rainfall simulator 29 (1996) 255

Factors influencing the stability of salt affected soils in the UK—criteria for identifying appropriate management options 29 (1996) 327

Unsteady state drainage in a vertically heterogeneous soil 31 (1996) 285

Drainage coefficients
A field approach to estimation of humid area drainage coefficients 29 (1995) 101

Drip
Water use and soil moisture depletion by olive trees under different irrigation conditions 29 (1996) 315

Drought
Using the Southern Oscillation Index for improving rainfall prediction and agricultural water management in Ghana 29 (1995) 85

Dryland cropping
Potential groundwater recharge from fallowing in north-west Victoria, Australia 29 (1995) 37

The effects of conservation tillage on potential groundwater recharge 31 (1996) 65

Dryland salinity
The effectiveness of management options for dryland salinity control at Wanilla, South Australia 29 (1995) 63

Economic
Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. I: Development of a decision model 31 (1996) 115

Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. II: A case study of irrigation scheduling in Albacete, Spain 31 (1996) 145

Electrolyte concentration
Influence of leaching with different amounts of water on desalinization and permeability behaviour of chloride and sulphate-dominated saline soils 31 (1996) 225

Erosion control
Vetiver grass hedges for erosion control on a cropped flood plain: hedge hydraulics 31 (1996) 91

ESP
Influence of leaching with different amounts of water on desalinization and permeability behaviour of chloride and sulphate-dominated saline soils 31 (1996) 225

Evaluation indices
Modeling water balance components in relation to field layout in lowland paddy fields. II: Model application 30 (1996) 201

Evaporation
General irrigation efficiency for field water management 30 (1996) 123

Evaporation in layered soils under different rates of clay amendment 30 (1996) 143

Evapotranspiration
Influence of conservation measures on groundwater regime in a semi arid tract of South India 30 (1996) 301

Simulation of soil moisture profiles for wheat in Brazil 31 (1996) 35

Real-time forecasting of irrigation water requirements of paddy fields 31 (1996) 185

Uptake of shallow groundwater by cotton: growth stage, groundwater salinity effects in column lysimeters 31 (1996) 205

Expert system
Assessment and management of poor quality waters for crop production: A simulation model (SWAM) 30 (1996) 25

Fallow
The effects of conservation tillage on potential groundwater recharge 31 (1996) 65

Farm management
Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. I: Development of a decision model 31 (1996) 115

Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. II: A case study of irrigation scheduling in Albacete, Spain 31 (1996) 145

Farm pond
On-farm rainwater and crop management for improving productivity of rainfed areas 31 (1996) 253

Fate
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195

Field estimation
A field approach to estimation of humid area drainage coefficients 29 (1995) 101

Field experiments
A simple model for the prediction of nitrate concentration in the potato root zone 30 (1996) 41

Field layout
Modeling water balance components in relation to field layout in lowland paddy fields. I. Model development 30 (1996) 185

Modeling water balance components in relation to field layout in lowland paddy fields. II: Model application 30 (1996) 201

Field water balance
On-farm rainwater and crop management for improving productivity of rainfed areas 31 (1996) 253

Flood plain
Vetiver grass hedges for erosion control on a cropped flood plain: hedge hydraulics 31 (1996) 91

Flood tolerance
Mungbean response to surface drainage when grown as a pre-rice crop on waterlog-prone ricelands 29 (1996) 299

Forecast
Real-time forecasting of irrigation water requirements of paddy fields 31 (1996) 185

Functional model
A simple model for the prediction of nitrate concentration in the potato root zone 30 (1996) 41

Functional sensitivity analysis
Determination of soil hydrologic properties under simulated rainfall condition 29 (1996) 267

Furrow irrigation
Water use and yield of maize with two levels of nitrogen fertilization in SW Spain 29 (1996) 215

Gas-filled porosity
Shallow subsurface drainage in an irrigated vertisol with a perched water table 30 (1996) 261

General efficiency
General irrigation efficiency for field water management 30 (1996) 123

GIS
Mapping the spatial distribution of volumetric irrigation water requirements for maincrop potatoes in England and Wales 31 (1996) 1

Grain sorghum
Response of corn, grain sorghum, and sunflower to irrigation in the High Plains of Kansas 30 (1996) 251

Gravity-flow systems
Low-head bubbler irrigation systems. Part I: Design 29 (1995) 1

Low-head bubbler irrigation systems. Part II. Air lock problems 29 (1995) 25

Groundwater
Impact of irrigation on brackish ground water lenses in northern Kuwait 31 (1996) 75

Uptake of shallow groundwater by cotton: growth stage, groundwater salinity effects in column lysimeters 31 (1996) 205

Groundwater modelling
The effectiveness of management options for dryland salinity control at Wanilla, South Australia 29 (1995) 63

Groundwater recharge
Influence of conservation measures on groundwater regime in a semi arid tract of South India 30 (1996) 301

Groundwater uptake
Uptake of shallow groundwater by cotton: growth stage, groundwater salinity effects in column lysimeters 31 (1996) 205

Gypsum
The effect of papermill wastewater irrigation and gypsum soil amendments on sodium accumulation by cottonwood and soil 31 (1996) 295

Herbicide
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195

Humid areas
A field approach to estimation of humid area drainage coefficients 29 (1995) 101

Hydraulics
Low-head bubbler irrigation systems. Part I: Design 29 (1995) 1

Low-head bubbler irrigation systems. Part II. Air lock problems 29 (1995) 25

Hypsometric
Influence of conservation measures on groundwater regime in a semi arid tract of South India 30 (1996) 301

Infiltration
Determination of infiltration rate from border irrigation advance and recession trajectories 30 (1996) 133

Water-table modelling to estimate irrigation losses: application to the Lower Durance, France 30 (1996) 283

Instantaneous profile method
Determination of soil hydrologic properties under simulated rainfall condition 29 (1996) 267

Irrigation
A statistical approach for estimating irrigation water usage in western Saudi Arabia 29 (1996) 175

Effect of irrigation and nitrogen on yield and yield components of two rapeseed cultivars 30 (1996) 57

Determination of infiltration rate from border irrigation advance and recession trajectories 30 (1996) 133

Effect of treated effluent irrigation and nitrogen on yield and nitrogen use efficiency of wheat 30 (1996) 175

Modeling water balance components in relation to field layout in lowland paddy fields. II: Model application 30 (1996) 201

Response of corn, grain sorghum, and sunflower to irrigation in the High Plains of Kansas 30 (1996) 251

Shallow subsurface drainage in an irrigated vertisol with a perched water table 30 (1996) 261

Water-table modelling to estimate irrigation losses: application to the Lower Durance, France 30 (1996) 283

Impact of irrigation on brackish ground water lenses in northern Kuwait 31 (1996) 75

Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. I: Development of a decision model 31 (1996) 115

Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. II: A case study of irrigation scheduling in Albacete, Spain 31 (1996) 145

Real-time forecasting of irrigation water requirements of paddy fields 31 (1996) 185

The effect of papermill wastewater irrigation and gypsum soil amendments on sodium accumulation by cottonwood and soil 31 (1996) 295

Irrigation design
Low-head bubbler irrigation systems. Part I: Design 29 (1995) 1

Low-head bubbler irrigation systems. Part II. Air lock problems 29 (1995) 25

Irrigation efficiencies
General irrigation efficiency for field water management 30 (1996) 123

Irrigation frequency
The influence of irrigation water salinity and fertilizer management on the yield of Alfalfa (*Medicago sativa* L.) 31 (1996) 105

Irrigation models
Modeling water balance components in relation to field layout in lowland paddy fields. I. Model development 30 (1996) 185

Irrigation needs
Mapping the spatial distribution of volumetric irrigation water requirements for maincrop potatoes in England and Wales 31 (1996) 1

Irrigation requirement
Soil water regime under pasture in the humid zone of spain: validation of an empirical model and prediction of irrigation requirements 29 (1996) 147

Irrigation system
Computerized database for optimal management of community irrigation systems in Thailand 31 (1996) 237

Irrigation water quality
The influence of irrigation water salinity and fertilizer management on the yield of Alfalfa (*Medicago sativa* L.) 31 (1996) 105

Irrigation water requirements
Mapping the spatial distribution of volumetric irrigation water requirements for maincrop potatoes in England and Wales 31 (1996) 1

Kalamon
Water use and soil moisture depletion by olive trees under different irrigation conditions 29 (1996) 315

Land and water management
Studies on some land management practices for increasing agricultural production in Vertisols of Central India 30 (1996) 91

Land configurations
Studies on some land management practices for increasing agricultural production in Vertisols of Central India 30 (1996) 91

Leaching
Movement of water in restructured saline and sodic clay topsoils under a rainfall simulator 29 (1996) 255

Influence of leaching with different amounts of water on desalinization and permeability behaviour of chloride and sulphate-dominated saline soils 31 (1996) 225

Leaf
Computed evapotranspiration of annual and perennial crops at different temporal and spatial scales using published parameter values 31 (1996) 17

Leaf water potential
Sorghum yield, water use and canopy temperatures under different levels of irrigation 30 (1996) 77

Effect of salinity on water stress, growth, and yield of maize and sunflower 30 (1996) 237

Losses
Water-table modelling to estimate irrigation losses: application to the Lower Durance, France 30 (1996) 283

Lower Durance
Water-table modelling to estimate irrigation losses: application to the Lower Durance, France 30 (1996) 283

Lowland paddy fields
Modeling water balance components in relation to field layout in lowland paddy fields. I. Model development 30 (1996) 185

Macropores
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195

Maize
Water use and yield of maize with two levels of nitrogen fertilization in SW Spain 29 (1996) 215

Effect of salinity on water stress, growth, and yield of maize and sunflower 30 (1996) 237

Computed evapotranspiration of annual and perennial crops at different temporal and spatial scales using published parameter values 31 (1996) 17

Performance of simplified water balance models under maize in a semiarid subtropical environment 31 (1996) 51

Management interactions
Water, tillage and weed interactions in lowland tropical rice: a review 31 (1996) 165

Management practices
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195

Mapping
Mapping the spatial distribution of volumetric irrigation water requirements for maincrop potatoes in England and Wales 31 (1996) 1

Mediterranean climate
Sorghum yield, water use and canopy temperatures under different levels of irrigation 30 (1996) 77

Microcatchment
On-farm rainwater and crop management for improving productivity of rainfed areas 31 (1996) 253

Microirrigation
Low-head bubbler irrigation systems. Part I: Design 29 (1995) 1

Low-head bubbler irrigation systems. Part II. Air lock problems 29 (1995) 25

Microlysimeter
Water use and yield of maize with two levels of nitrogen fertilization in SW Spain 29 (1996) 215

Mixing irrigation water and alfalfa yield
The influence of irrigation water salinity and fertilizer management on the yield of Alfalfa (*Medicago sativa* L.) 31 (1996) 105

Modelling
Comparative study of two crop yield simulation models 30 (1996) 155

Water-table modelling to estimate irrigation losses: application to the Lower Durance, France 30 (1996) 283

Simulation of soil moisture profiles for wheat in Brazil 31 (1996) 35

Moisture
Water use and soil moisture depletion by olive trees under different irrigation conditions 29 (1996) 315

Nala bund
Influence of conservation measures on groundwater regime in a semi arid tract of South India 30 (1996) 301

Nitrogen
Water use and yield of maize with two levels of nitrogen fertilization in SW Spain 29 (1996) 215

Effect of irrigation and nitrogen on yield and yield components of two rapeseed cultivars 30 (1996) 57

Nitrogen management
A simple model for the prediction of nitrate concentration in the potato root zone 30 (1996) 41

Nitrogen use efficiency
Effect of treated effluent irrigation and nitrogen on yield and nitrogen use efficiency of wheat 30 (1996) 175

Non-wetted
Water use and soil moisture depletion by olive trees under different irrigation conditions 29 (1996) 315

No-till
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195

Oil contents
Effect of irrigation and nitrogen on yield and yield components of two rapeseed cultivars 30 (1996) 57

Oil palm
Computed evapotranspiration of annual and perennial crops at different temporal and spatial scales using published parameter values 31 (1996) 17

Optimization
Evaporation in layered soils under different rates of clay amendment 30 (1996) 143

Computerized database for optimal management of community irrigation systems in Thailand 31 (1996) 237

Orchards
Low-head bubbler irrigation systems. Part I: Design 29 (1995) 1

Paddy field
Real-time forecasting of irrigation water requirements of paddy fields 31 (1996) 185

Paddy water balance
Characteristics of water reuse and its effects on paddy irrigation system water balance and the riceland ecosystem 31 (1996) 269

Pakistan
Reducing water seepage from earthen ponds 30 (1996) 69

Pedotransfer functions
Use of soil physical characteristics from laboratory measurements or standard series for modelling unsaturated water flow 29 (1996) 201

Percolation rate
Influence of leaching with different amounts of water on desalinization and permeability behaviour of chloride and sulphate-dominated saline soils 31 (1996) 225

Pesticide
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195

Populus
The effect of papermill wastewater irrigation and gypsum soil amendments on sodium accumulation by cottonwood and soil 31 (1996) 295

Potatoes
Mapping the spatial distribution of volumetric irrigation water requirements for maincrop potatoes in England and Wales 31 (1996) 1

Potential
Water use and soil moisture depletion by olive trees under different irrigation conditions 29 (1996) 315

Preferential flow
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195

Probability
Management of runoff stored in small tanks for transplanted rice production in the mid-hills of Northwest Himalaya 30 (1996) 107

Rainfall prediction
Using the Southern Oscillation Index for improving rainfall prediction and agricultural water management in Ghana 29 (1995) 85

Rainfall simulator
Determination of soil hydrologic properties under simulated rainfall condition 29 (1996) 267

Rainfed agriculture
Using the Southern Oscillation Index for improving rainfall prediction and agricultural water management in Ghana 29 (1995) 85

Rainfed Vertisols
Studies on some land management practices for increasing agricultural production in Vertisols of Central India 30 (1996) 91

Rapeseed
Effect of irrigation and nitrogen on yield and yield components of two rapeseed cultivars 30 (1996) 57

Recharge
The effectiveness of management options for dryland salinity control at Wanilla, South Australia 29 (1995) 63

Reduced tillage
The effects of conservation tillage on potential groundwater recharge 31 (1996) 65

Residual soil moisture
On-farm rainwater and crop management for improving productivity of rainfed areas 31 (1996) 253

Rice
Computed evapotranspiration of annual and perennial crops at different temporal and spatial scales using published parameter values 31 (1996) 17

Riceland ecosystem
Characteristics of water reuse and its effects on paddy irrigation system water balance and the riceland ecosystem 31 (1996) 269

Ridging
Mungbean response to surface drainage when grown as a pre-rice crop on waterlog-prone ricelands 29 (1996) 299

Rockfill dam
Influence of conservation measures on groundwater regime in a semi arid tract of South India 30 (1996) 301

Runoff
Influence of conservation measures on groundwater regime in a semi arid tract of South India 30 (1996) 301

On-farm rainwater and crop management for improving productivity of rainfed areas 31 (1996) 253

Runoff curve number
Management of runoff stored in small tanks for transplanted rice production in the mid-hills of Northwest Himalaya 30 (1996) 107

Saline
Movement of water in restructured saline and sodic clay topsoils under a rainfall simulator 29 (1996) 255

Factors influencing the stability of salt affected soils in the UK—criteria for identifying appropriate management options 29 (1996) 327

Salinity
Potential groundwater recharge from fallowing in north-west Victoria, Australia 29 (1995) 37

Reductions in hydraulic conductivity and infiltration rate in relation to aggregate stability and irrigation water turbidity 29 (1995) 53

Uptake of shallow groundwater by cotton: growth stage, groundwater salinity effects in column lysimeters 31 (1996) 205

Salinization
Assessment and management of poor quality waters for crop production: A simulation model (SWAM) 30 (1996) 25

Salt marsh
Factors influencing the stability of salt affected soils in the UK—criteria for identifying appropriate management options 29 (1996) 327

Salt tolerance
Effect of salinity on water stress, growth, and yield of maize and sunflower 30 (1996) 237

Saturation
Mungbean response to surface drainage when grown as a pre-rice crop on waterlog-prone ricelands 29 (1996) 299

Saudi Arabia
A statistical approach for estimating irrigation water usage in western Saudi Arabia 29 (1996) 175

Seed yield
Effect of irrigation and nitrogen on yield and yield components of two rapeseed cultivars 30 (1996) 57

Seepage control
Reducing water seepage from earthen ponds 30 (1996) 69

Semi arid
Influence of conservation measures on groundwater regime in a semi arid tract of South India 30 (1996) 301

Semiarid subtropical environment
Performance of simplified water balance models under maize in a semiarid subtropical environment 31 (1996) 51

Sensitivity analysis
Comparative study of two crop yield simulation models 30 (1996) 155

Shallow groundwater
Uptake of shallow groundwater by cotton: growth stage, groundwater salinity effects in column lysimeters 31 (1996) 205

Shallow tubewells
Optimal spacing of tubewells in relation to channel losses and lining for multicropping system 29 (1996) 163

Simulated rain
Influence of leaching with different amounts of water on desalinization and permeability behaviour of chloride and sulphate-dominated saline soils 31 (1996) 225

Simulation
Soil water regime under pasture in the humid zone of spain: validation of an empirical model and prediction of irrigation requirements 29 (1996) 147

Determination of infiltration rate from border irrigation advance and recession trajectories 30 (1996) 133

Small tanks
Management of runoff stored in small tanks for transplanted rice production in the mid-hills of Northwest Himalaya 30 (1996) 107

Sodic
Movement of water in restructured saline and sodic clay topsoils under a rainfall simulator 29 (1996) 255

Sodicity
Reductions in hydraulic conductivity and infiltration rate in relation to aggregate stability and irrigation water turbidity 29 (1995) 53

Sodium
The effect of papermill wastewater irrigation and gypsum soil amendments on sodium accumulation by cottonwood and soil 31 (1996) 295

Soil hydraulic characteristics
Use of soil physical characteristics from laboratory measurements or standard series for modelling unsaturated water flow 29 (1996) 201

Soil moisture
Simulation of soil moisture profiles for wheat in Brazil 31 (1996) 35

Soil water
Potential groundwater recharge from fallowing in north-west Victoria, Australia 29 (1995) 37

Soil water balance
Soil water regime under pasture in the humid zone of spain: validation of an empirical model and prediction of irrigation requirements 29 (1996) 147

Soil-water modelling
Use of soil physical characteristics from laboratory measurements or standard series for modelling unsaturated water flow 29 (1996) 201

Soil water retention curve
Determination of soil hydrologic properties under simulated rainfall condition 29 (1996) 267

Sorghum
Sorghum yield, water use and canopy temperatures under different levels of irrigation 30 (1996) 77

Southern oscillation index
Using the Southern Oscillation Index for improving rainfall prediction and agricultural water management in Ghana 29 (1995) 85

Spacing
Optimal spacing of tubewells in relation to channel losses and lining for multicropping system 29 (1996) 163

Sprinkle irrigation
A simple model for the prediction of nitrate concentration in the potato root zone 30 (1996) 41

Sprinkler irrigation
Sorghum yield, water use and canopy temperatures under different levels of irrigation 30 (1996) 77

Stability
Factors influencing the stability of salt affected soils in the UK—criteria for identifying appropriate management options 29 (1996) 327

Stomatal conductance
Effect of salinity on water stress, growth, and yield of maize and sunflower 30 (1996) 237

Straw protein
Effect of irrigation and nitrogen on yield and yield components of two rapeseed cultivars 30 (1996) 57

Stubble retention
The effects of conservation tillage on potential groundwater recharge 31 (1996) 65

Subsurface drainage
Shallow subsurface drainage in an irrigated vertisol with a perched water table 30 (1996) 261

Sunflower
Effect of salinity on water stress, growth, and yield of maize and sunflower 30 (1996) 237

Response of corn, grain sorghum, and sunflower to irrigation in the High Plains of Kansas 30 (1996) 251

Supplementary irrigation
Soil water regime under pasture in the humid zone of spain: validation of an empirical model and prediction of irrigation requirements 29 (1996) 147

Comparative study of two crop yield simulation models 30 (1996) 155

Surface crust
Reductions in hydraulic conductivity and infiltration rate in relation to aggregate stability and irrigation water turbidity 29 (1995) 53

Surface drainage
Studies on some land management practices for increasing agricultural production in Vertisols of Central India 30 (1996) 91

Thailand
Computerized database for optimal management of community irrigation systems in Thailand 31 (1996) 237

Tile lines
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195

Tillage practices
Atrazine fate on a tile drained field in northern New York: a case study 31 (1996) 195

Tillage-weeds
Water, tillage and weed interactions in lowland tropical rice: a review 31 (1996) 165

Transpiration
General irrigation efficiency for field water management 30 (1996) 123

Transplanted rice
Management of runoff stored in small tanks for transplanted rice production in the mid-hills of Northwest Himalaya 30 (1996) 107

Treated effluent
Effect of treated effluent irrigation and nitrogen on yield and nitrogen use efficiency of wheat 30 (1996) 175

Tropical weeds
Water, tillage and weed interactions in lowland tropical rice: a review 31 (1996) 165

Uniformity
General irrigation efficiency for field water management 30 (1996) 123

Unsaturated hydraulic conductivity
Determination of soil hydrologic properties under simulated rainfall condition 29 (1996) 267

Unsteady state drainage
Unsteady state drainage in a vertically heterogeneous soil 31 (1996) 285

Van Genuchten's model
Determination of soil hydrologic properties under simulated rainfall condition 29 (1996) 267

Vertically heterogeneous soil
Unsteady state drainage in a vertically heterogeneous soil 31 (1996) 285

Vertisol
Shallow subsurface drainage in an irrigated vertisol with a perched water table 30 (1996) 261

Vetiver grass hedges
Vetiver grass hedges for erosion control on a cropped flood plain: hedge hydraulics 31 (1996) 91

Wastewater
The effect of papermill wastewater irrigation and gypsum soil amendments on sodium accumulation by cottonwood and soil 31 (1996) 295

Water balance
Water use and yield of maize with two levels of nitrogen fertilization in SW Spain 29 (1996) 215

Sorghum yield, water use and canopy temperatures under different levels of irrigation 30 (1996) 77

Modeling water balance components in relation to field layout in lowland paddy fields. I. Model development 30 (1996) 185

Modeling water balance components in relation to field layout in lowland paddy fields. II: Model application 30 (1996) 201

Water-table modelling to estimate irrigation losses: application to the Lower Durance, France 30 (1996) 283

Water balance method
Evaporation in layered soils under different rates of clay amendment 30 (1996) 143

Water balance model
Performance of simplified water balance models under maize in a semiarid subtropical environment 31 (1996) 51

Water conservation
A statistical approach for estimating irrigation water usage in western Saudi Arabia 29 (1996) 175

Water demand
A statistical approach for estimating irrigation water usage in western Saudi Arabia 29 (1996) 175

Water harvesting
Reducing water seepage from earthen ponds 30 (1996) 69

Waterlogging
Shallow subsurface drainage in an irrigated vertisol with a perched water table 30 (1996) 261

Water management
Using the Southern Oscillation Index for improving rainfall prediction and agricultural water management in Ghana 29 (1995) 85

A statistical approach for estimating irrigation water usage in western Saudi Arabia 29 (1996) 175

Water quality
Assessment and management of poor quality waters for crop production: A simulation model (SWAM) 30 (1996) 25

Water requirements
Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. I: Development of a decision model 31 (1996) 115

Model for optimal cropping patterns within the farm based on crop water production functions and irrigation uniformity. II: A case study of irrigation scheduling in Albacete, Spain 31 (1996) 145

Water reuse
Characteristics of water reuse and its effects on paddy irrigation system water balance and the riceland ecosystem 31 (1996) 269

Water table
Mungbean response to surface drainage when grown as a pre-rice crop on waterlog-prone ricelands 29 (1996) 299

Shallow subsurface drainage in an irrigated vertisol with a perched water table 30 (1996) 261

Uptake of shallow groundwater by cotton: growth stage, groundwater salinity effects in column lysimeters 31 (1996) 205

Water-table behaviour
Water-table modelling to estimate irrigation losses: application to the Lower Durance, France 30 (1996) 283

Water-tillage
Water, tillage and weed interactions in lowland tropical rice: a review 31 (1996) 165

Water use efficiency
Response of corn, grain sorghum, and sunflower to irrigation in the High Plains of Kansas 30 (1996) 251

Water-weeds
Water, tillage and weed interactions in lowland tropical rice: a review 31 (1996) 165

West Africa
Computed evapotranspiration of annual and perennial crops at different temporal and spatial scales using published parameter values 31 (1996) 17

Wetted
Water use and soil moisture depletion by olive trees under different irrigation conditions 29 (1996) 315

Wheat
Effect of treated effluent irrigation and nitrogen on yield and nitrogen use efficiency of wheat 30 (1996) 175

The effects of conservation tillage on potential groundwater recharge 31 (1996) 65

Yield
Effect of treated effluent irrigation and nitrogen on yield and nitrogen use efficiency of wheat 30 (1996) 175

Zero tillage
The effects of conservation tillage on potential groundwater recharge 31 (1996) 65